PHOTOGRAPHIC INTERPRETATION REPORT



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WIAL RECORDS CONSOUTHEAST ASIA ACTIVITY REPORT

SELECTED TRANSPORTATION AND INFILTRATION COMPENDIUM

NPIC/R-39/67 MARCH 1967

SUMMARY 38

2-8 MARCH 1967

Approved For Release 2000/04/17: CIA-RDP78B04560A005900010025-7

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PREFACE

This report is a summary of selected information on transportation and infiltration activity in southeast Asia as reported by NPIC during the period indicated on the cover. Those lines of communication and associated facilities which support communist insurgency in Laos and South Vietnam are emphasized.

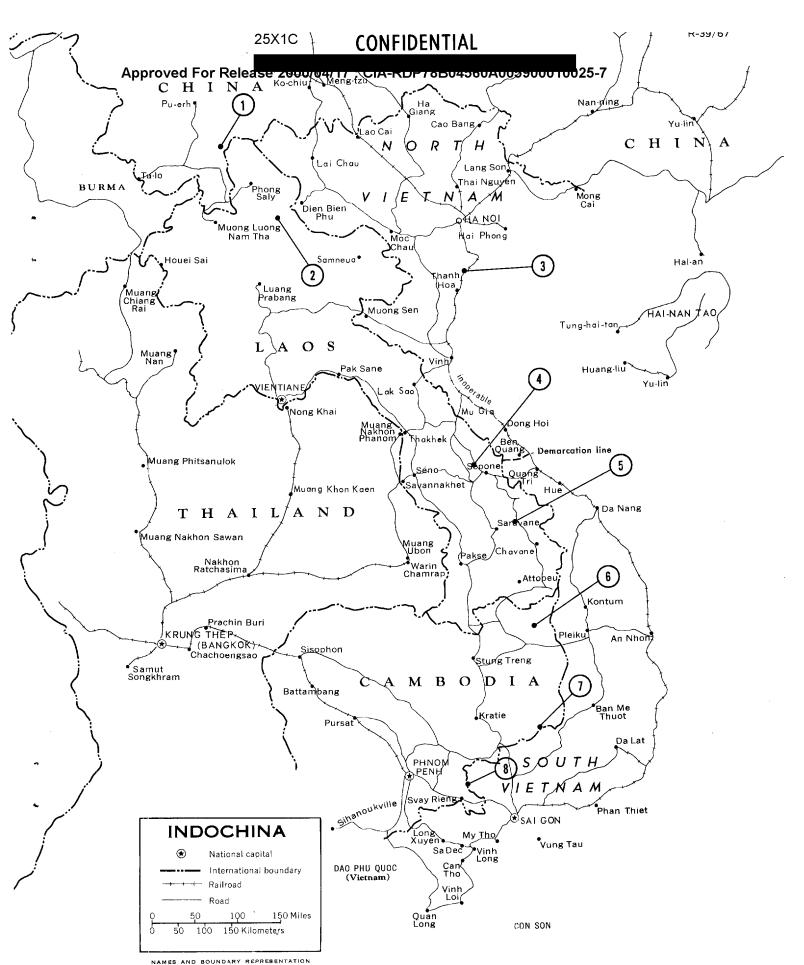
Items are numbered and arranged according to location from north to south. Annotated maps of varying scales have been included to assist the reader in locating the items. Each large-scale map depicts all motorable roads photographically confirmed by NPIC unless otherwise indicated.

Missions, mission dates, frames, and NPIC cable and briefing board references are listed after each item, as appropriate.

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- 1. Road Construction, Yun-nan Province, China
- 2. Road Construction, Route 19, Laos
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- 4. Road Under Construction, Route 911 Area, Laos
- 5. Landslides Cleared, Route 924, Laos
- 6. Increased Activity Along the Tonle San (River), Cambodia
- 7. Motorable Border Crossing, Cambodia/South Vietnam Border
- 8. Probable Insurgent Support Area, Tonle Ruti (River), Cambodia

SPECIAL PHOTOGRAPHIC SUPPLEMENT: Status of the Phnom Penh/Kampot/Sihanouk-ville Rail Line, Cambodia



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L. Houd Construction, Tun-nan Province, China

The China roal, previously reported to extend to within \$.2 nm of the Laos border in Fun-nan Province at 00-001 LOL-20E (Summary 35, Item 1), is being extended south, generally usualleling the China/Laos border, to join the existing China road network at 01-01 LOL-20E. The southernmost segment of this road has been completed to 01-01 LOL-20E. Intermittent clearing operations, survey lines, and a total of 21 construction camps have been identified between the completed road segments (Figures 1-3). When complete, this road will provide a more direct route between Chinag-Chieng, China, and Phong Saly, Laos.

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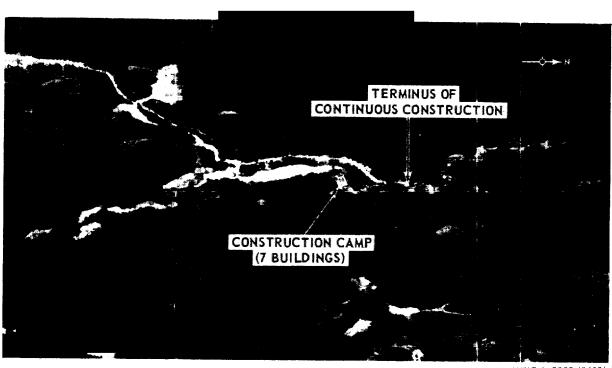
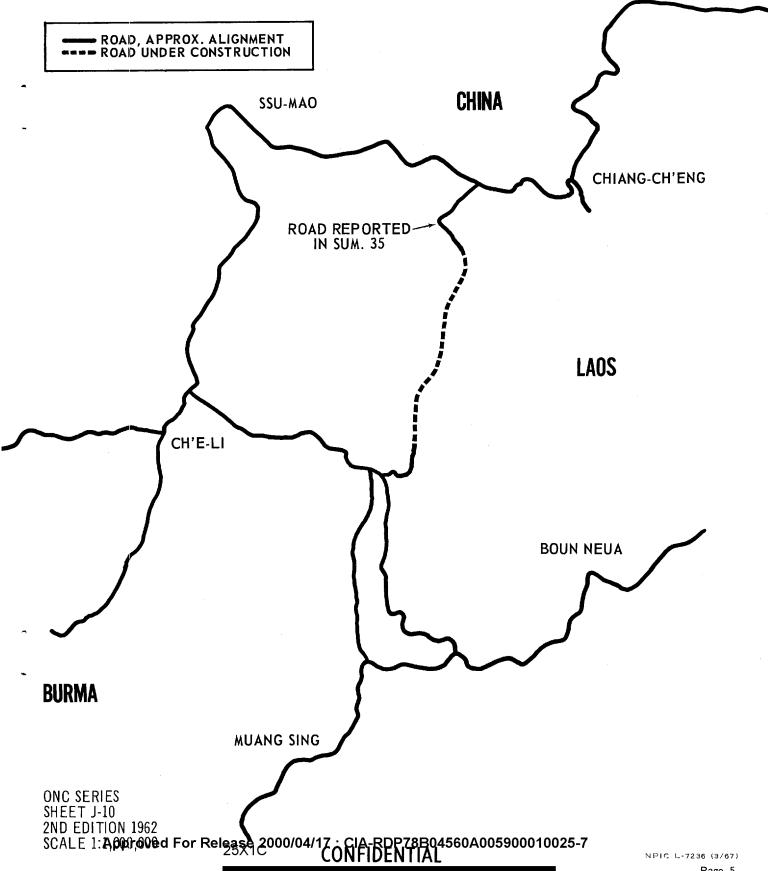


FIGURE 1. ROAD CONSTRUCTION (21-55N 101-24E), YUN-NAN PROVINCE, CHINA



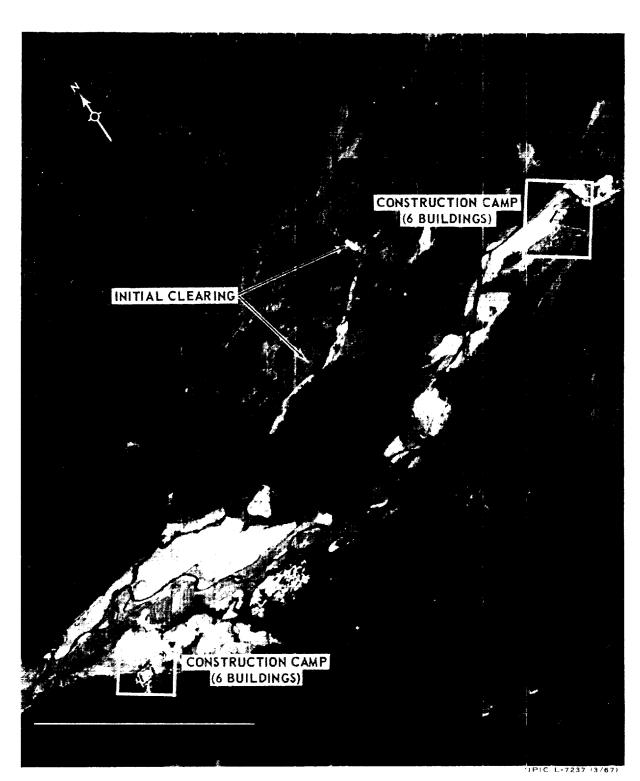
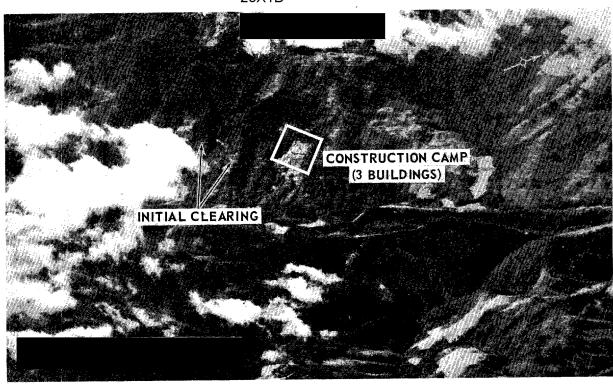
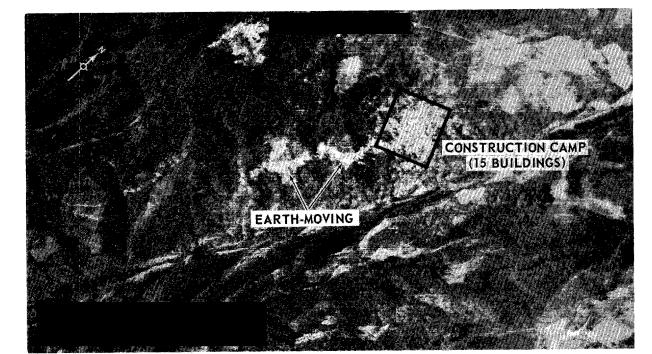


FIGURE 2, ROAD CONSTRUCTION 22-22N 101-35E , YUN- NAN PROVINCE, CHINA



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FIGURE 3. ROAD CONSTRUCTION(22-01N 101-27E) YUN-NAN PROVINCE, CHINA

2. Road Construction, Route 19, Laoc

Construction continues on the southern extension of Laos Route 19 toward the Nam Ou (river) in the vicinity of 21-08N 102-38E. The intermittent clearing and grading operations between UTM TJ553397 and TJ550370, reported in Summary 32, have now been joined with the exception of an approximately 250-yard segment (Figure 5). A protable road survey line extends west from the village of Sop At at UTM TJ483315, the projected probable southern terminus of Route 19, to UIM TJ456313 (Figure 4).

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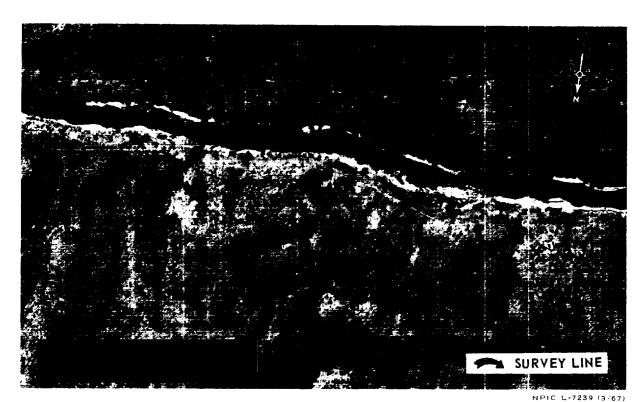
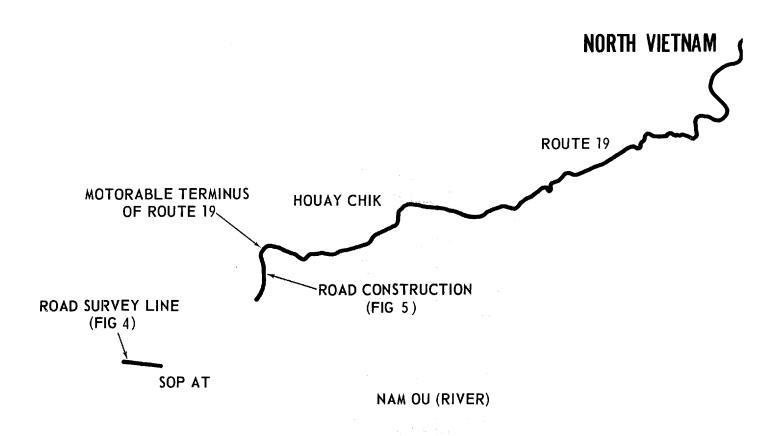


FIGURE 4. ROAD CONSTRUCTION, NAM OU (RIVER), LAOS

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LAOS



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FIGURE 5. ROAD CONSTRUCTION, ROUTE 19, LAOS

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3. Oable Suspension Prince, Done Phone Thuone, Morth Vietnam

The vehicular rathe suspension tridge, located 0.0 nm southwest of Dong thong Thuong at 10-68 100-50E and reported in Summary 25, exhibited advanced construction techniques. The bridge, approximately 620 feet long, consisted of 2 suspension cables, supported by towers on each bank, and at least 6 deck calles with wooden cross-beams irregularly spaced for stabilization (Figure 7). bolled lecking, partly in place on 15 Jan of (Figure 7), is stored along the approach roads (Figure 3). The bridge was heavily damaged by air strikes on (Figure 9). The only other bridge in North Vietnam exhibiting the same cross-beam construction technique is on Foute 6 (Summary 25, Figure 13).

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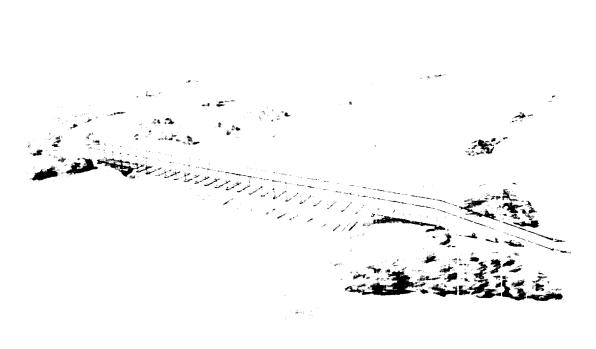
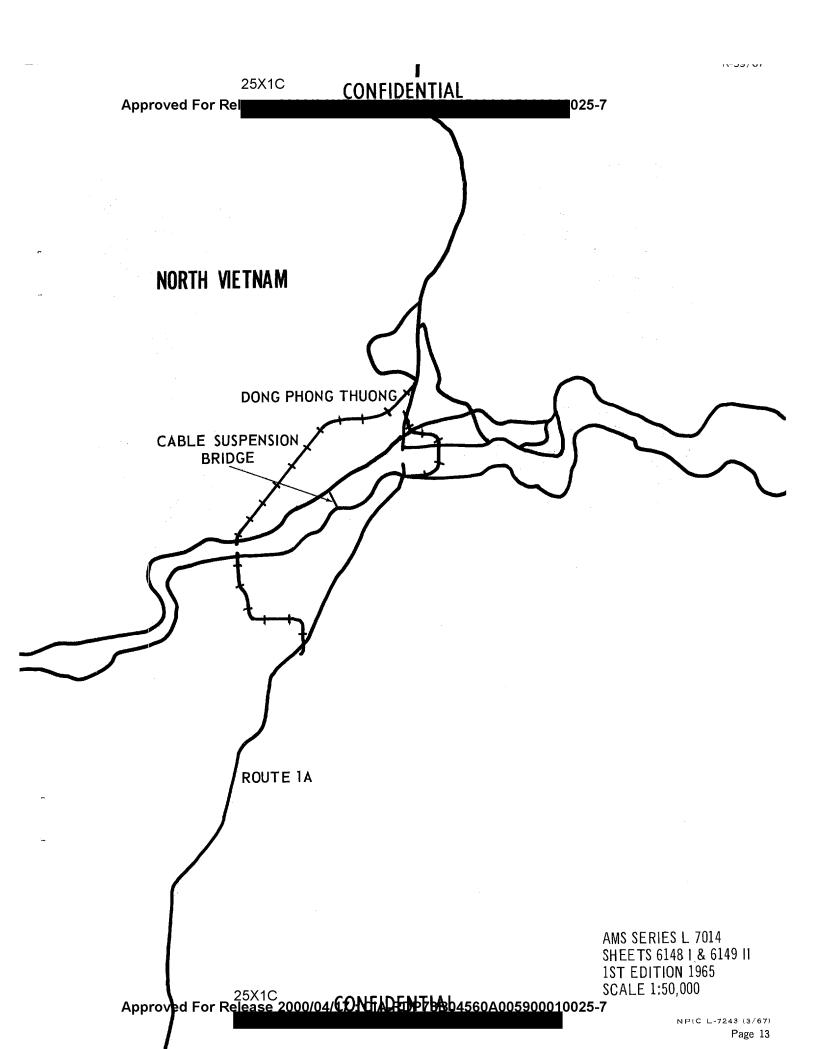


FIGURE 6. ARTIST CONCEPTION OF VEHICULAR CABLE SUSPENSION BRIDGE

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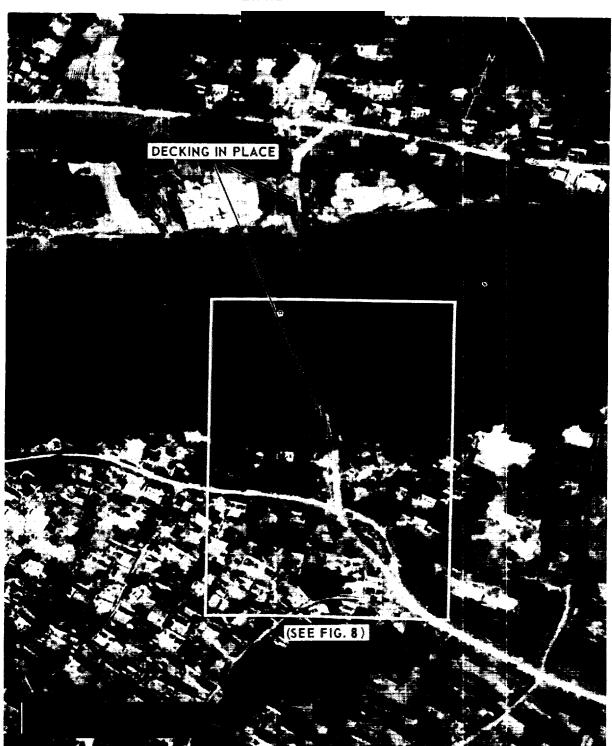
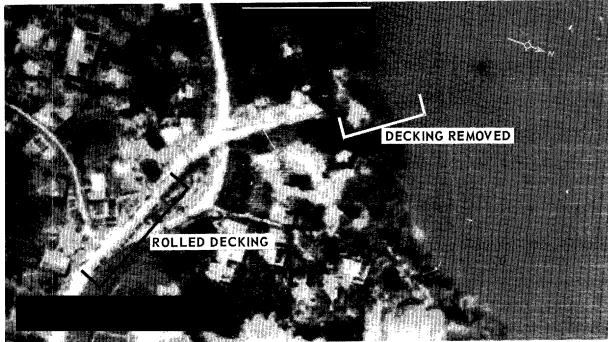


FIGURE 7. VEHICULAR CABLE SUSPENSION BRIDGE, DONG PHONG THUONC, NORTH VIETNAM

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FIGURE 8. VEHICULAR CABLE SUSPENSION BRIDGE, DONG PHONG THUONG, NORTH VIETNAM

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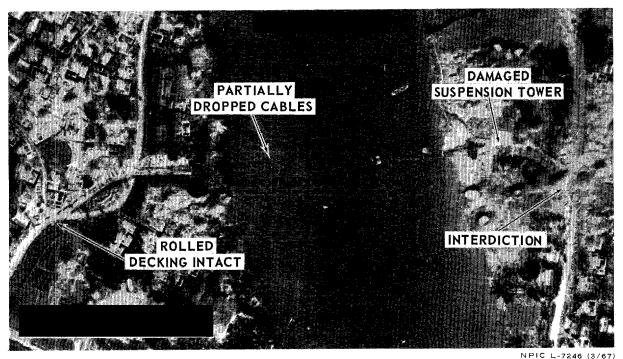


FIGURE 9. VEHICULAR CABLE SUSPENSION BRIDGE, DONG PHONG THUONG, NORTH VIETNAM

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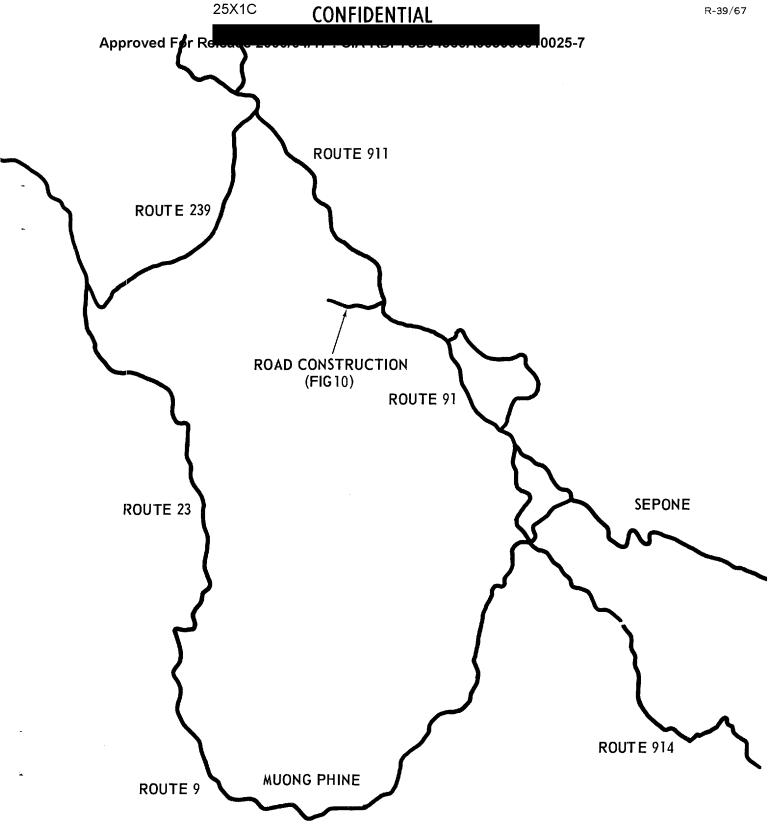
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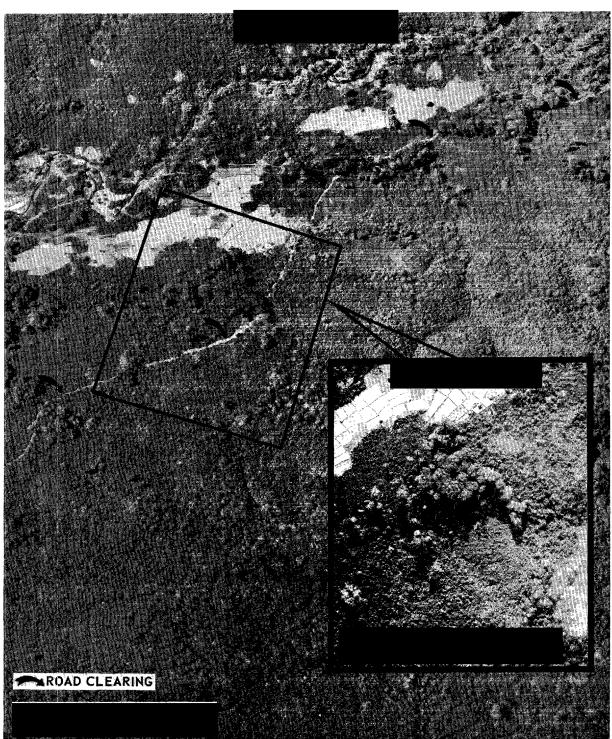
4. Road Under Construction, Route 911 Area, Laos

Road construction, extending generally west from Route 911 at 16-50N 106-03E, is identified on photography of Road survey lines and initial clearing operations are observed for approximately 1.7 nm between UTM XD123617 and XD091619 (Figure 10). The construction activity by-passes the active village of Ban Nammi at UTM XD107611.

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FIGURE 10. ROAD UNDER CONSTRUCTION, ROUTE 911 AREA, LAOS

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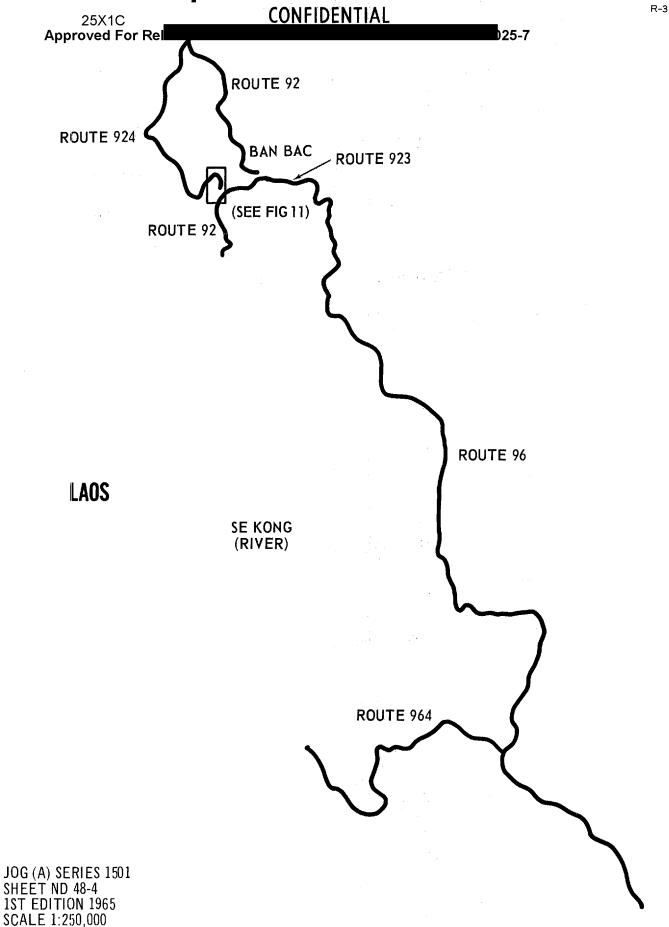
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5. Landslides Cleared, Route 924, Laos

25X1D 25X1D The short segment of Route 924, in the vicinity of 15-50N 106-45E, which is periodically rendered unserviceable by landslides, has again been repaired and all landslide debris removed. The segment was closed on (Summary 37); on it was supporting heavy vehicular traffic (Figure 11). The relative use of Route 924 and Route 92 south of the Se Kong (river) indicates that the water-borne route (Summary 35) is probably sustaining the bulk of the supply movement south of this point.



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6. Increased Activity Along the Tonle San (River), Cambodia

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There has been a significant increase in probable insurgent activity along the Tonle San (river) since the area was reported in depth in Summary 36. Twenty-eight motorized river craft, 23 moored at Virachei (Figures 12 and 13), were observed between 13-58N 106-49E and 14-02N 106-56E on The previous maximum single day total was motorized river craft are shown in Figures 16 and 17.

A probable transshipment point is located on the south bank of the Tonle San at UTM XA978453, approximately 0.7 nm east of Virachei (Figure 14). The facility consists of 4 storage-type buildings with associated row crops. On 1 motorized river craft was moored along the river bank and on additional craft was moored in the area.

Two additional probable transshipment points have been identified east of Virachei on the north bank of the Tonle San. On three motorized river craft were moored at UTM YAO65486 adjacent to 2 partially concealed buildings with numerous associated trails (Figure 15). Two motorized river craft were observed in the vicinity of a transshipment point at UTM YAO87522, where unidentified supplies were observed on a sand bar (Figure 18); 4 buildings are partially concealed nearby at UTM YAO88523.

A new road has been constructed north from Cambodia Route 197 at UTM YA468286 to the Tonle San at UTM YA472379 (Figure 19). A probable transshipment point is located at its northern terminus (Figure 20).

Two probable road construction camps are located near the junction of the new road and Route 197 at UTM YA457280 and YA476297 (Figures 21 and 22). The two camps contain a total of approximately 42 partially concealed buildings. Two trucks (shown in Figure 22) and a probable piece of road construction equipment were observed on Route 197 adjacent to 1 camp on

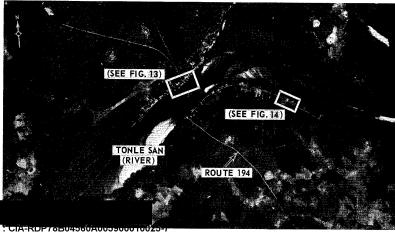
Two probable insurgent encampments are located north of the Tonle San, opposite the terminus of the new road. Twelve partially concealed buildings with associated row crops are located along the river bank at UTM YA474382 (Figure 23). Heavily-used trails connect this area with another probable encampment, at UTM YA483388, consisting of 8 partially concealed buildings with extensive row crops (Figure 24).

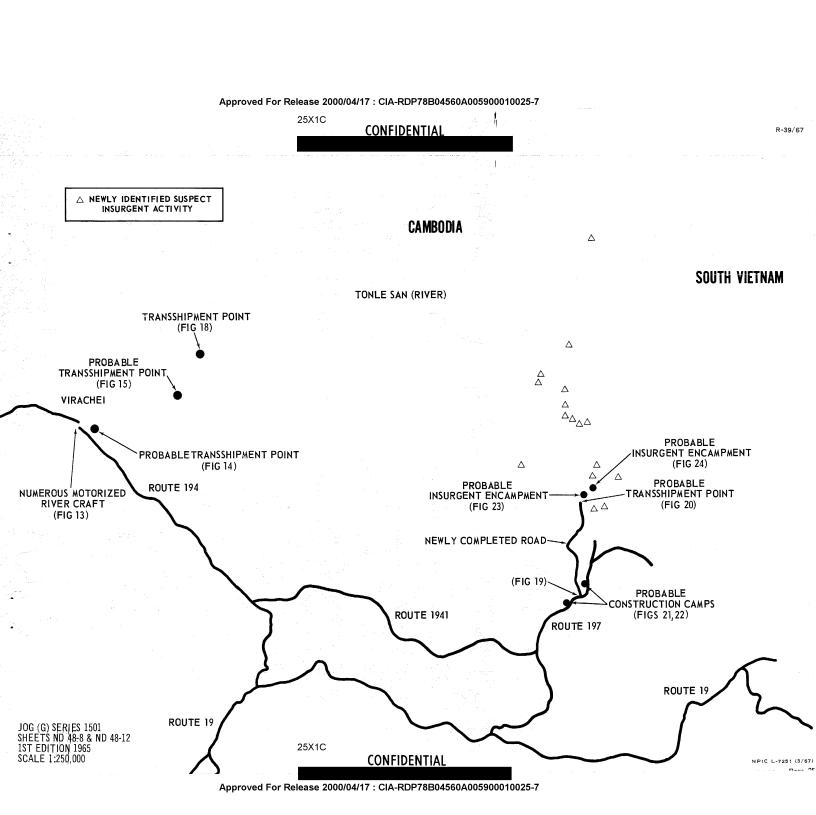
Fifteen additional areas of suspect insurgent activity consisting of partially concealed buildings and isolated patches of row crops have been identified in the vicinity of the eastern portion of the Tonle San. These areas are annotated on the accompanying map.

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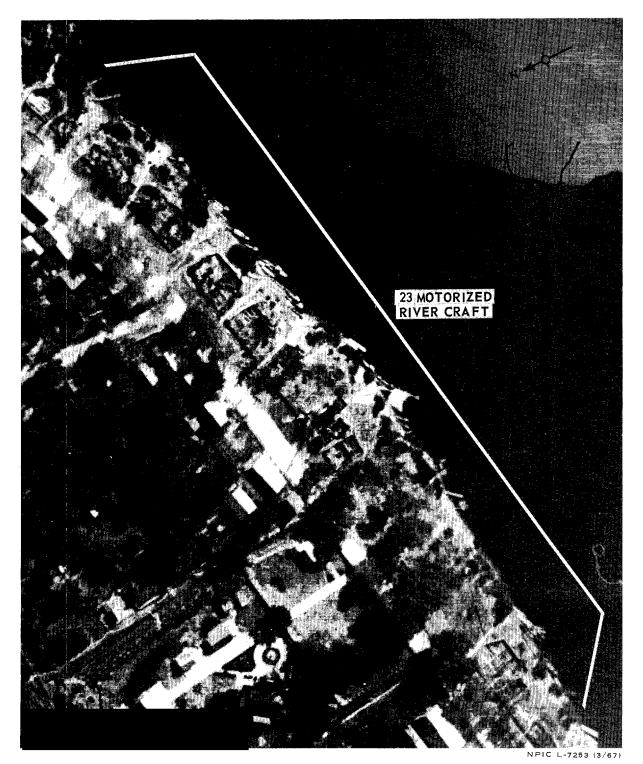


FIGURE 13. NUMEROUS MOTORIZED RIVER CRAFT, VIRACHEI, CAMBODIA

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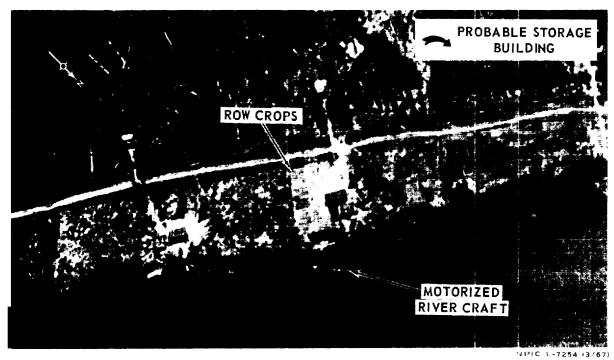


FIGURE 14, PROBABLE TRANSSHIPMENT POINT, TONLE SAN (RIVER) CAMBODIA

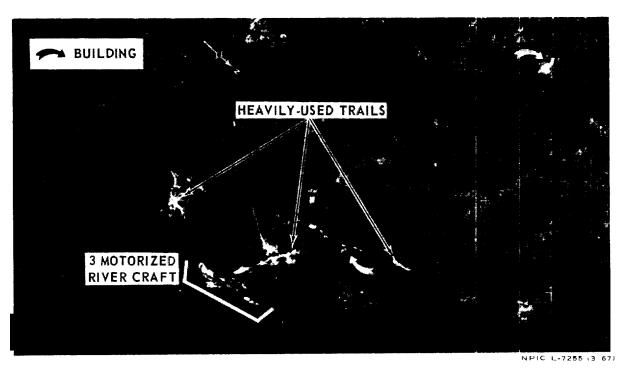
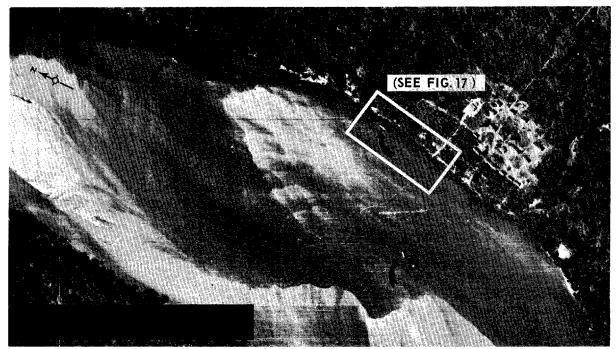


FIGURE 15. PROBABLE TRANSSHIPMENT POINT, TONLE SAN (RIVER) CAMBODIA

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FIGURE 16. LARGE MOTORIZED RIVER CRAFT (14-01N 106-55E), TONLE SAN (RIVER), CAMBODIA

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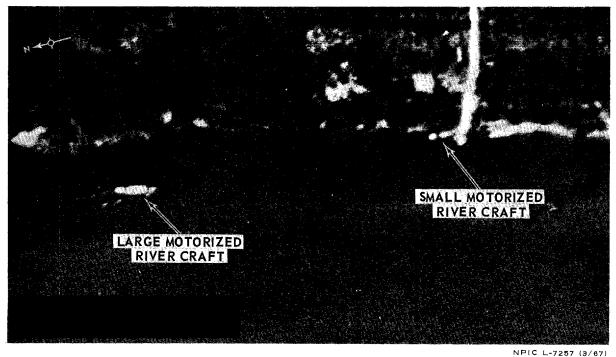


FIGURE 17. MOTORIZED RIVER CRAFT, TONLE SAN (RIVER), CAMBODIA

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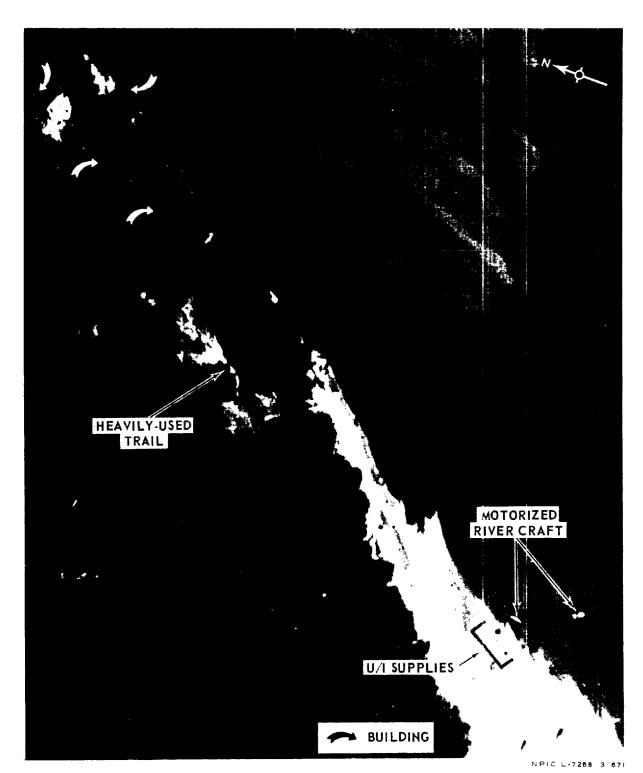


FIGURE 18-TRANSSHIPMENT POINT, TONLE SAN (RIVER), CAMBODIA

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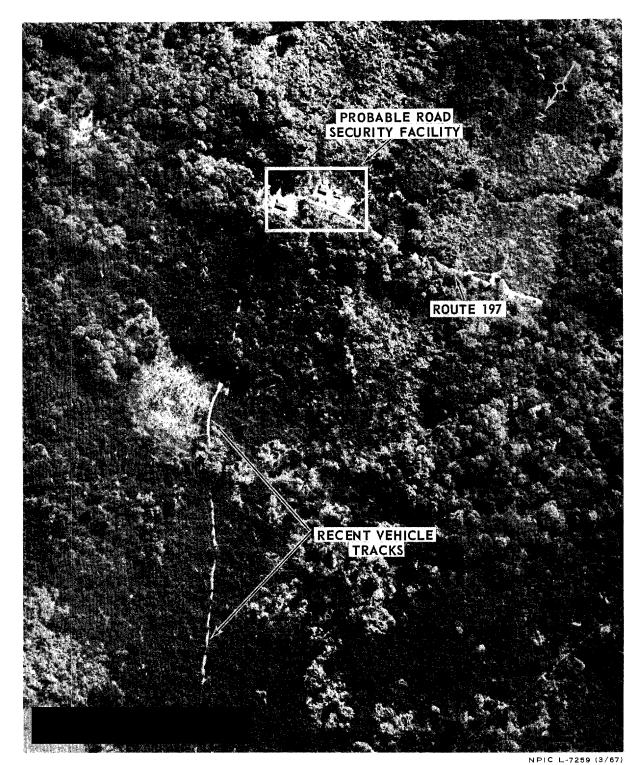


FIGURE 19. NEWLY COMPLETED ROAD, ROUTE 197 AREA, CAMBODIA

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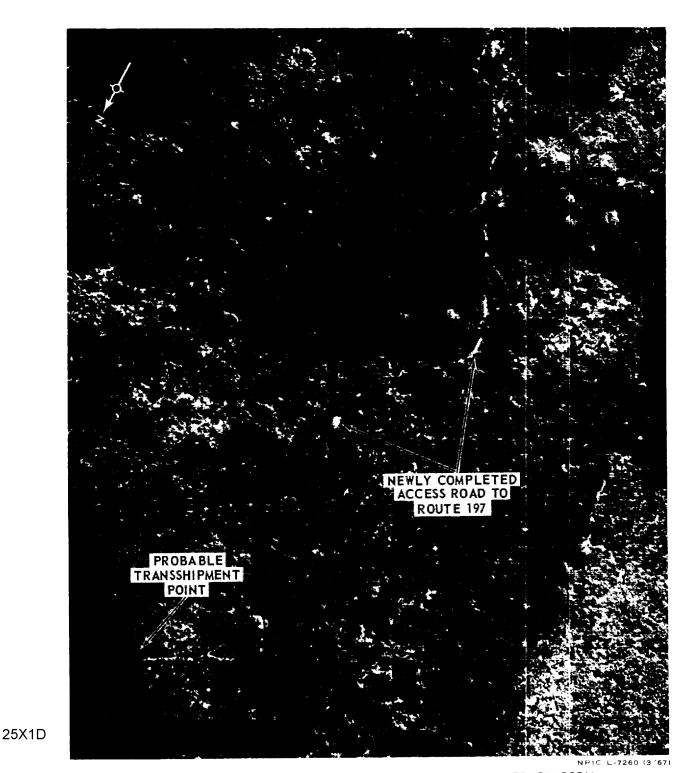
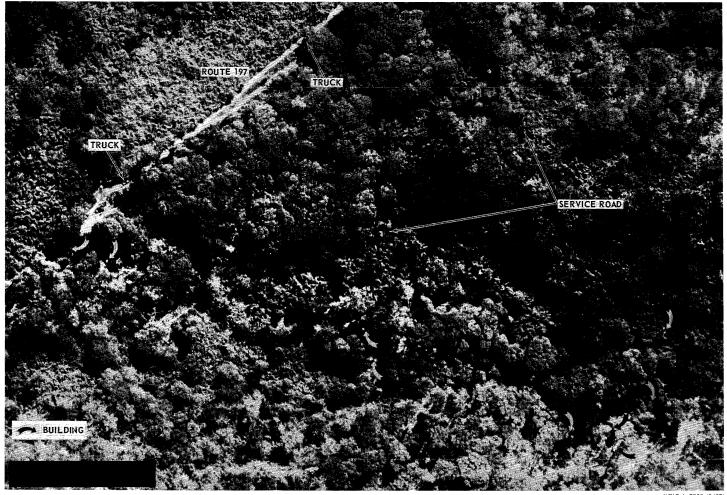


FIGURE 20. PROBABLE TRANSSHIPMENT POINT, TONLE SAN (RIVER), CAMBODIA



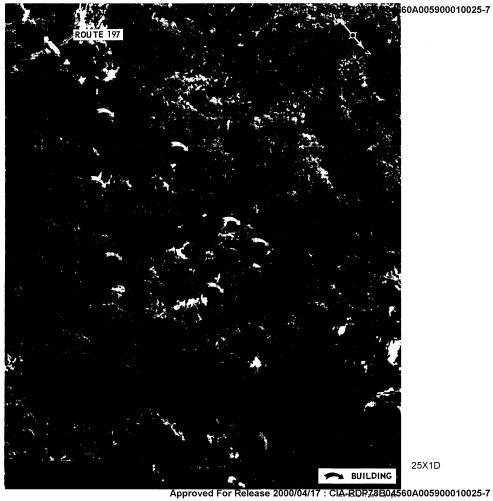


FIGURE 21. PROBABLE ROAD CONSTRUCTION CAMP, ROUTE 197, CAMBODIA

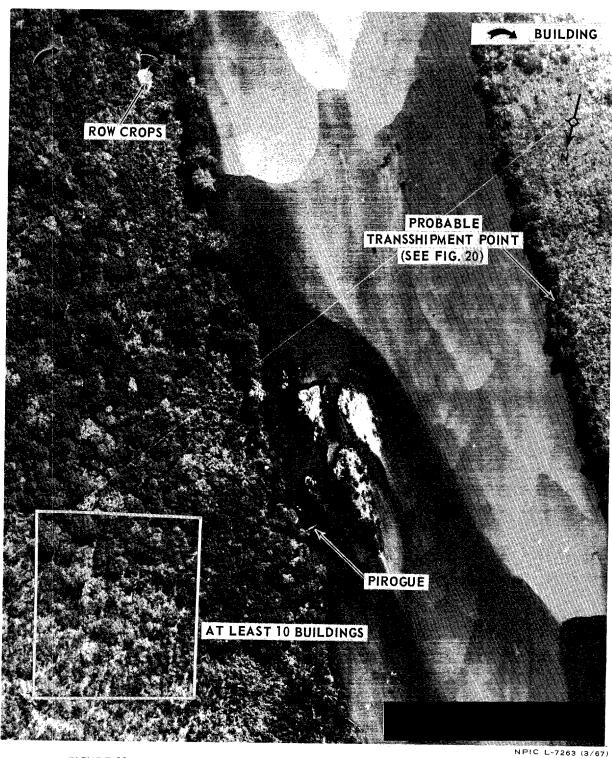


FIGURE 23. PROBABLE INSURGENT ENCAMPMENT, TONLE SAN (RIVER) CAMBODIA

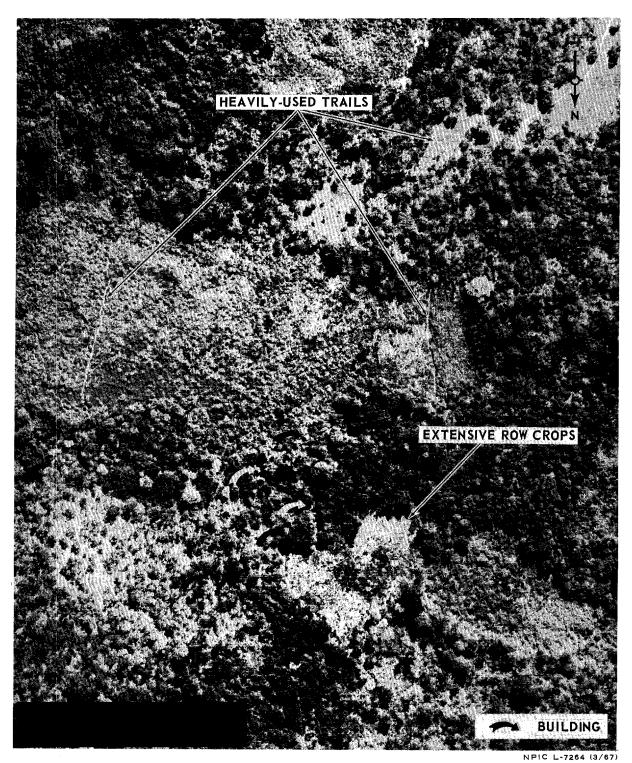


FIGURE 24. PROBABLE INSURGENT ENCAMPMENT, TONLE SAN (RIVER) AREA, CAMBODIA

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7. Motorable Border Crossing, Cambodia/South Vietnam Border

A previously unidentified Cambodia road segment crosses the Cambodia/South Vietnam border at 12-03N 106-56E (UTM YU1213h4). This segment is a Further extension of the unnumbered road extending east from Cambodia Route 14 at UTM YU065374 (Summary 36, Figures 67, 70). The road is heavily-used, with vehicle tracks extending into South Vietnam to a visible terminus at UTM YU125341 (Figures 25 and 26).

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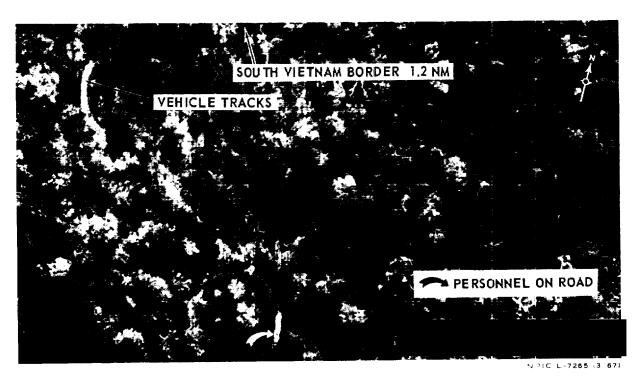
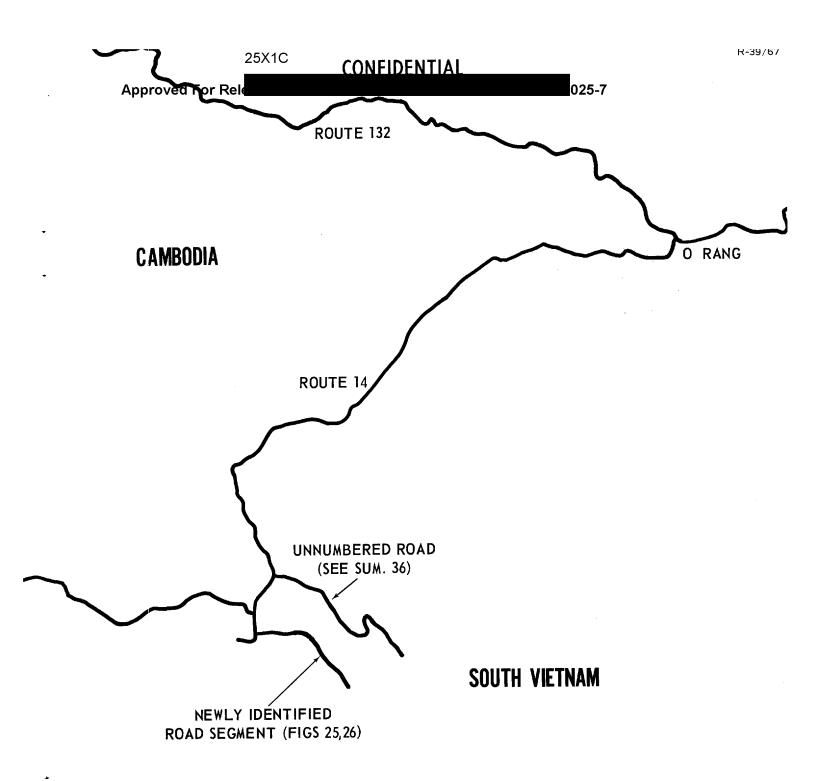


FIGURE 25. NEWLY IDENTIFIED ROAD (12-05N 106-56E), CAMBODIA SOUTH VIETNAM BORDER AREA



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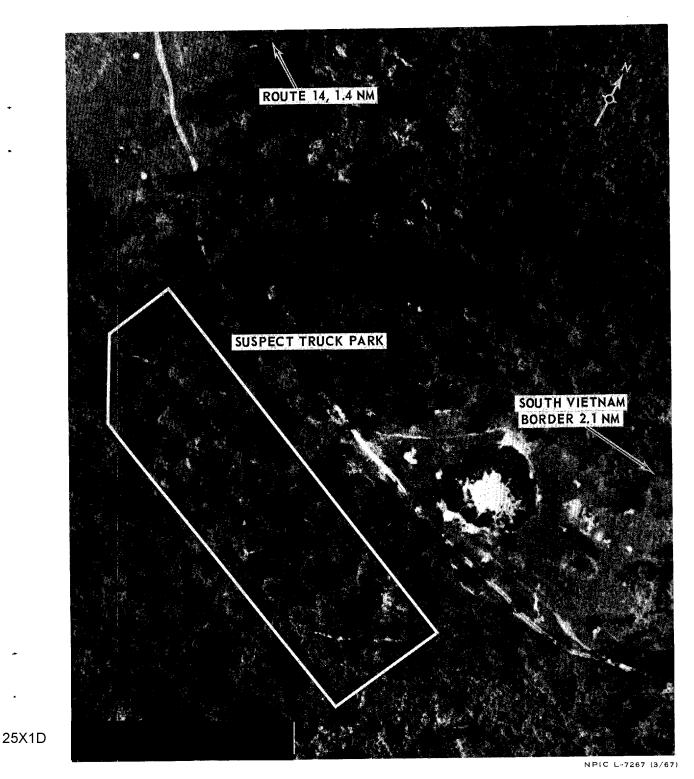
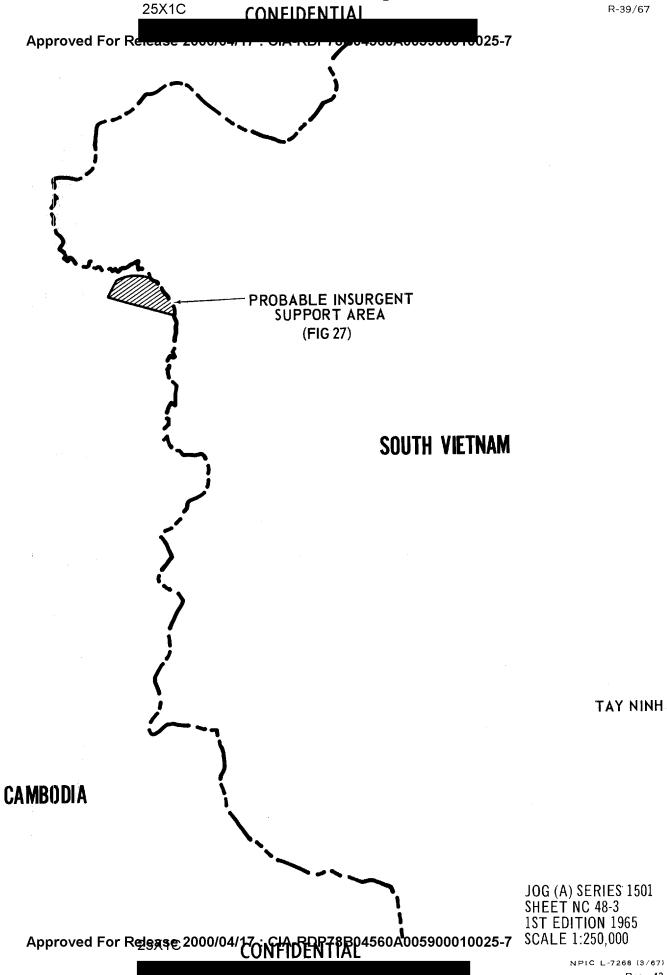


FIGURE 26. NEWLY IDENTIFIED ROAD (12-05N 106-55E), CAMBODIA/SOUTH VIETNAM BORDER AREA

8. Probable Insurment Support Area, Tonle Roti (River), Cambodia

A probable insurgent support area is located in the vicinity of 11-33N 105-52E immediately west of the Tonle Roti (river), which forms the boundary between Cambodia and South Vietnam at this point. Although no buildings are discernible, extensive vehicular tracks are observed under a dense tree carboy bounded by UTM coordinates WT933775, WT927764, WT953755, and WT955767 (Figures 27 and 28).



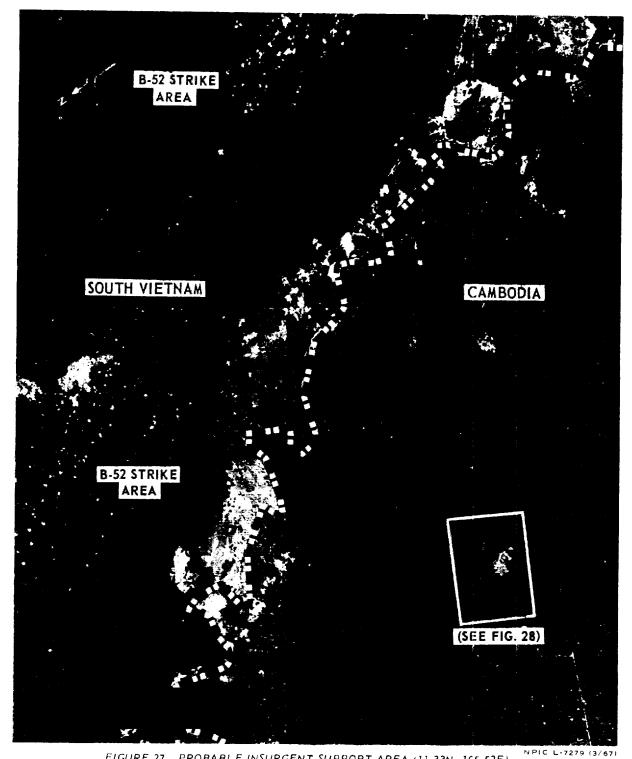


FIGURE 27. PROBABLE INSURGENT SUPPORT AREA (11-33N 1C5-52E), CAMBODIA SOUTH VIETNAM BORDER

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FIGURE 28. PROBABLE INSURGENT SUPPORT AREA, CAMBODIA/SOUTH VIETNAM BORDER

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SPECIAL PHOTOGRAPHIC SUPPLEMENT: Status of the Phnom Penc/Kampot/Sihanoukville Rail Line, Cambodia

The construction status of the Phnom Penn/Kampot/Sihanoukville Rail Line and its associated facilities is as follows:

The meter-guage rail line is complete and operational from the Phnom Penh Railroad Terminal at 11-34N 104-55E (Figure 30) to 10-33N 104-18E and from 10-36N 104-15E to 1 -36N 104-14E, approximately 3.7 nm east of Kampot. The segment between 10-33N 104-16E and 10-36N 104-15E is probably operational, but it has not been photographically confirmed. An operational rail spur extends north from Thnom Penh to a major transshipment area on the Tonle Sap (river) at 11-37N 104-54E (Figure 29).

The railbed has been completed in the vicinity of Kampot between 10-36N 104-14E and 10-37N 104-10E. Railbed construction, partially deteriorated, is intermittently observed west from Kampot to 10-35N 103-59E. Additional railbed construction extends from 10-41N 103-54E to a probable railroad bridge under construction at 10-42N 103-52E (may inset page 67).

Clearing for probable railbed construction extends from 10-43N 103-48E to 10-43N 103-34E, approximately 7 nm north-northeast of Sihanoukville.

Passing tracks, approximately 2,100 feet long, are located at 7 points along the operational segments of the rail line at UTM coordinates VT762602, VT752454 (Figure 32), VT743315, VT706066, VS627922 (Figure 37), VS512780, and VS262661 (Figure 44). Railroad stations are located at all but the last point and a uniformly constructed, probably associated building is located at, or in the vicinity of, each passing track.

A 2-track classification yard is located at UTM VT732155, approximately 2 nm west of Takeo (Figure 35). A turning area is under construction immediately north of the yard and a possible military storage area is adjacent to it.

A probable railroad station and a passing track are under construction approximately 1.2 nm north-northeast of Kampot at UTM VS116746 (Figure 42). A rail spur is under construction from this point north to the dement plant located at UTM VS201808 (Figures 42 and 40).

Five major bridges have been constructed along the operational segments of the rail line as follow: UTM VT767661. I deck and 3 half-through truss spans (Figure 31); UTM VT738237, I half-through truss and 4 deck spans (Figure 33); UTM VT731141, I deck span with causeway approaches (Figure 34); UTM VS518789, 5 deck spans (Figure 39); and UTM VS156738, number and type of spans undetermined (Figure 43). Parallel railroad bridges and passing track, are under construction at 2 of these locations, UTM VT767661 and VT731141 (Figures 31 and 34). Numerous smaller 1- and 2-span bridges have also been constructed along these rail segments.

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A probable railroad construction camp/storage facility is located at UTM VT733145 (Figure 34). The installation consists of 5 warehouse-type buildings and an extensive open storage area. Fifteen pieces of rolling stock were observed on its 2 rail spurs on

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A rail-served storage area is located at UTM VS616916 (Figure 36). A rail spur extends from the main line to 5 warehouse-type buildings at the base of a karst hill. Three dispersed open storage areas are located immediately northeast. Ten pieces of rolling stock were observed on the rail spur on

A short rail spur extends south from the main line at UTM VS423690 to a possible cave storage area and/or aggregate source (Figure 38).

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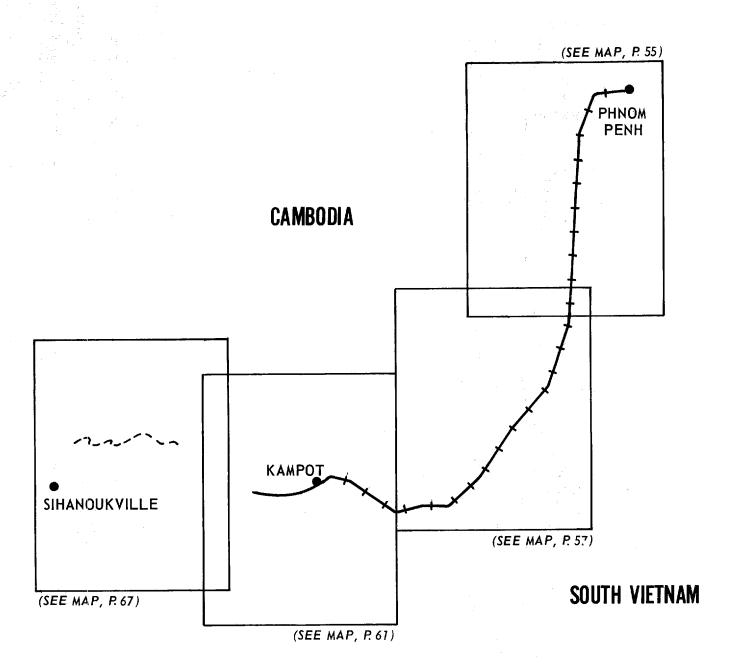
Probable railroad construction/support camps are located south of the rail line at UTM VS261650 (see inset, Figure 44) and VS267604 (Figure 41). These installations contain a total of 16 buildings and the

they are possibly operated or at least constructed by Chinese

Communists.

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► COMPLETED RAIL LINE RAILBED - CLEARING

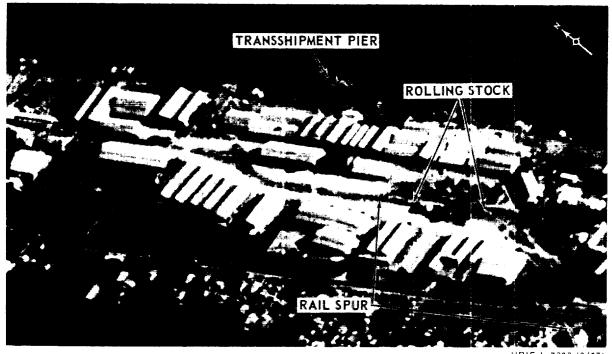


FIGURE 29. TRANSSHIPMENT POINT AND STORAGE FACILITIES, PHNOM PENH, CAMBODIA

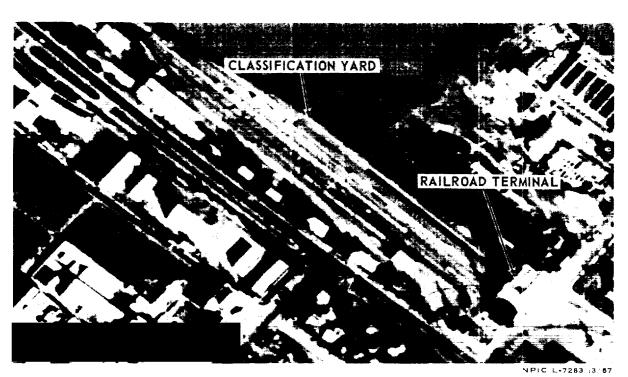


FIGURE 30. RAILROAD TERMINAL AND CLASSIFICATION YARD, PHNOM PENH, CAMBODIA

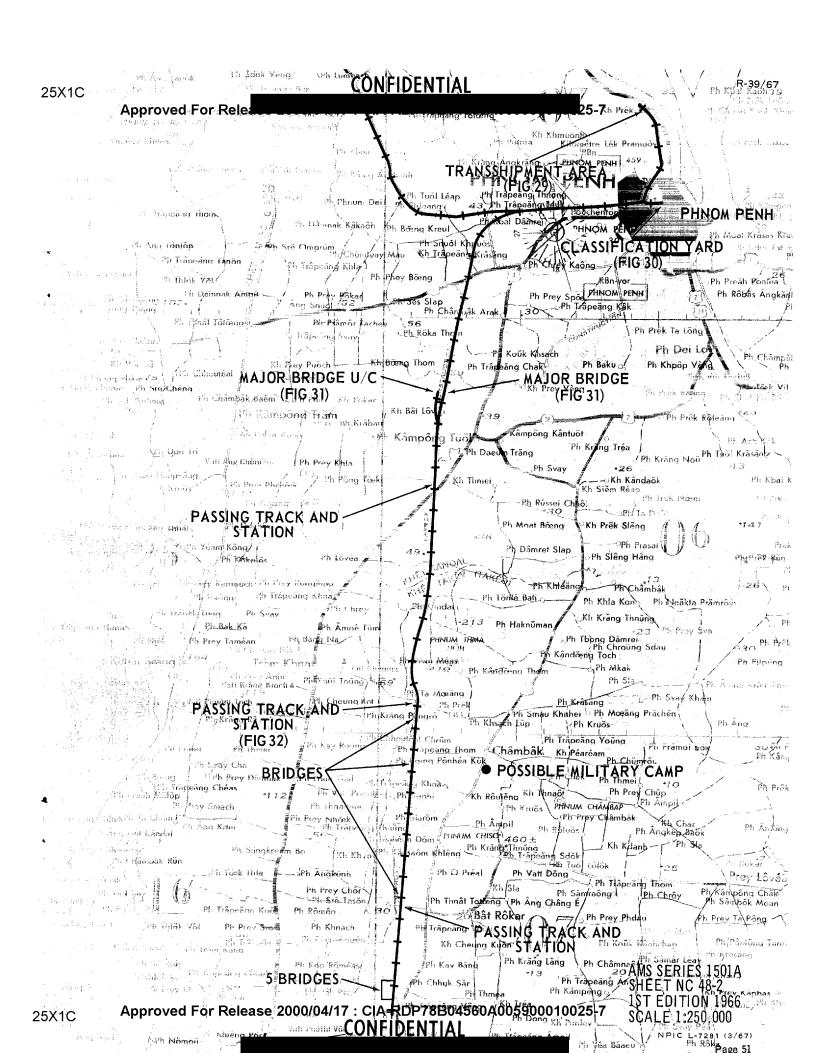




FIGURE 31. RAILROAD BRIDGE, PHNOM PENH KAMPOT RAIL LINE, CAMBOD A

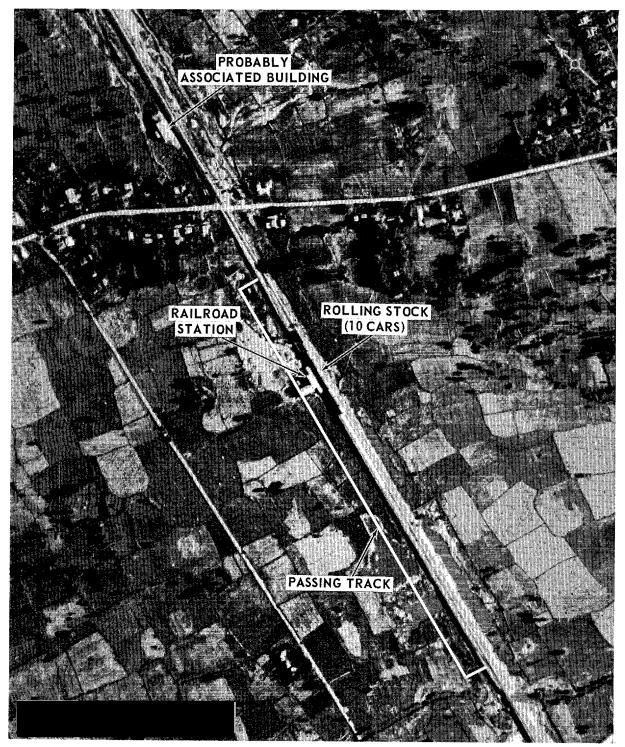


FIGURE 32. PASSING TRACK AND RAILROAD STATION, PHNOM PENH/KAMPOT RAIL LINE, CAMBODIA

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FIGURE 33. RAILROAD BRIDGE, PHNOM PENH KAMPOT RAIL LINE, CAMBOLIA

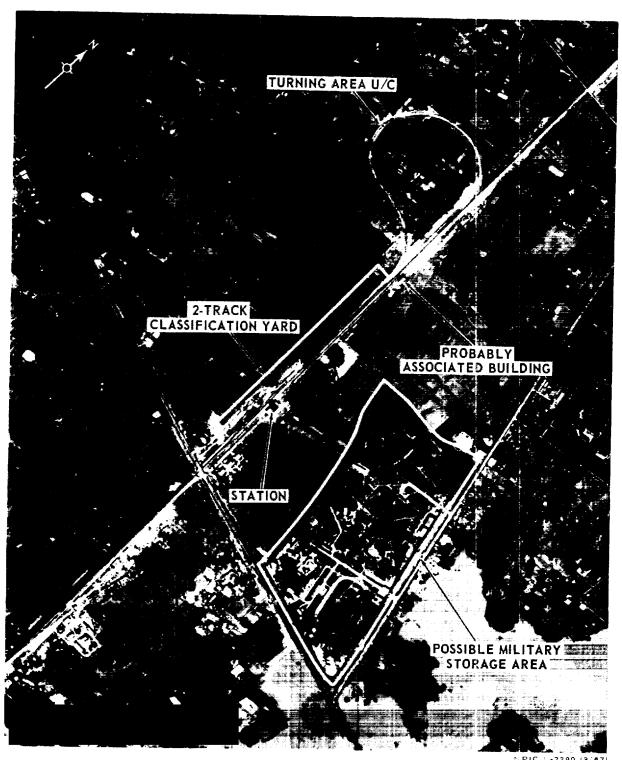
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FIGURE 34. RAILROAD BRIDGE, PHNOM PENH KAMPOT RAIL LINE, CAMBODIA

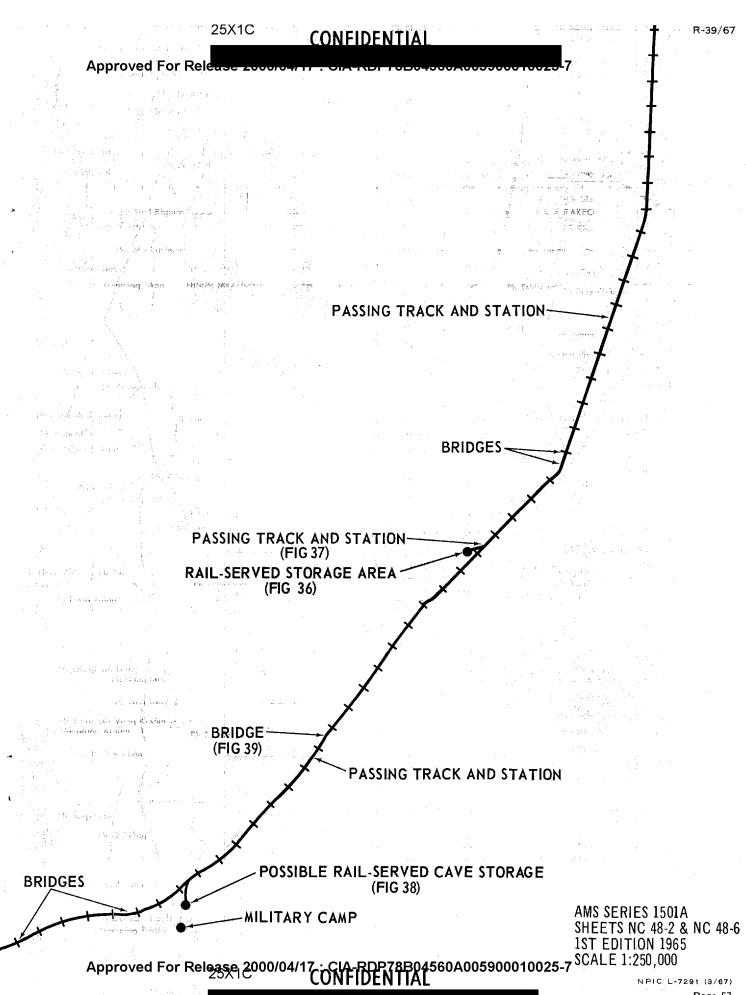
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FIGURE 35. RAILROAD CLASSIFICATION YARD AND STATION, PHNOM PENH KAMPOT RAIL LINE, CAMBODIA



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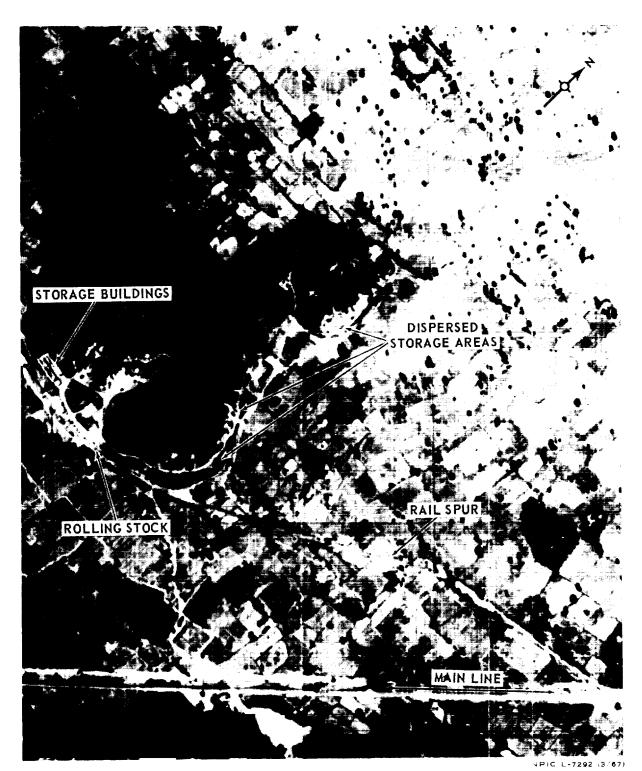
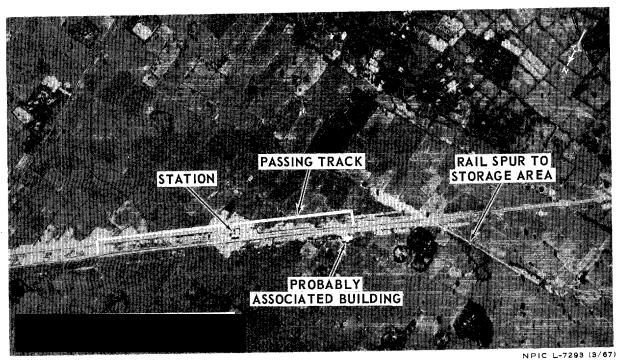


FIGURE 36. RAIL-SERVED STORAGE AREA, PHNOM PENH KAMPOT RAIL LINE, CAMBODIA

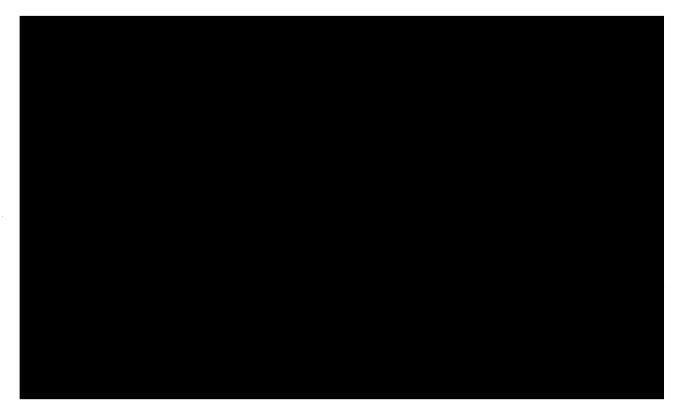
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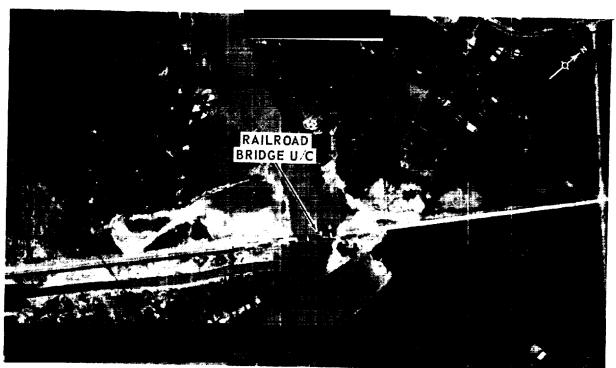


25X1D

25X1D

FIGURE 37. PASSING TRACK AND RAILROAD STATION, PHNOM PENH/KAMPOT RAIL LINE, CAMBODIA





25X1D

25X1D

25X1D

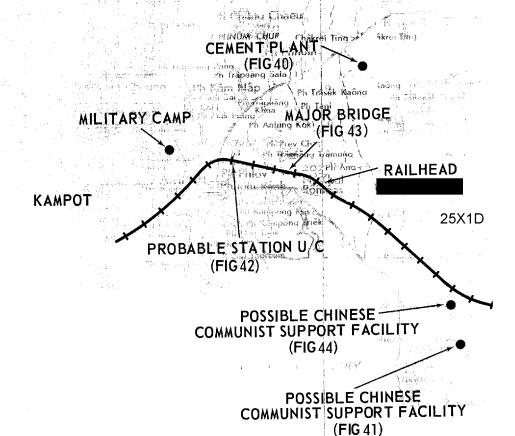


FIGURE 39. RAILROAD BRIDGE, PHNOM PENH KAMPOT RAIL LINE, CAMBODIA

25X1C

CONFIDENTIAL Approved For F

CAMBODIA



COMPLETED RAIL LINE RAILBED U/C

> AMS SERIES 1501A SHEETS NC 48-5 & NC 48-6 1ST EDITION 1965 SCALE 1:250,000

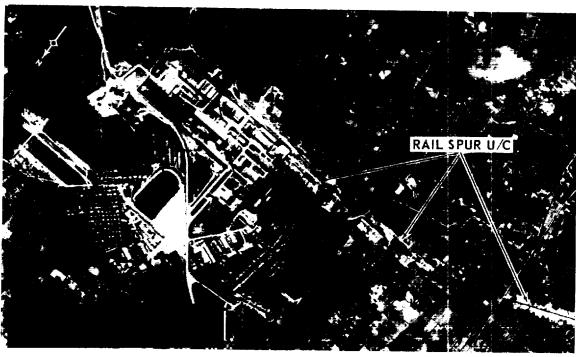


FIGURE 40. CEMENT PLANT PH PHNUM TOCH AREA, CAMBODIA

NPIC L-7297 (3 '67)

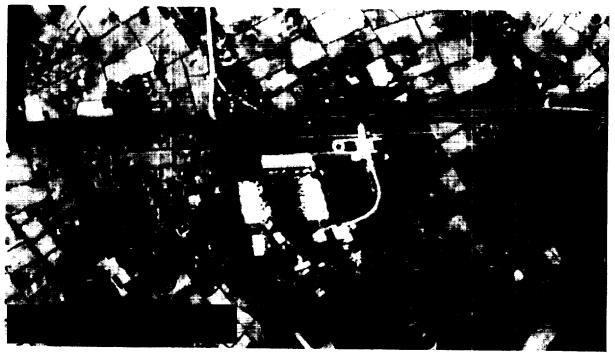


FIGURE 41. POSSIBLE CHINESE COMMUNIST SUPPORT FACILITY, KRONG KEF AREA CAMBODIA

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25X1D

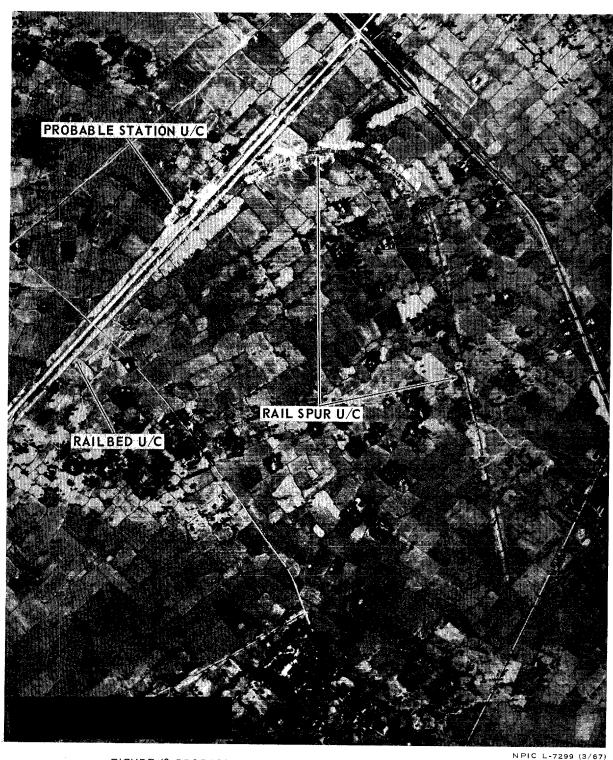


FIGURE 42. PROBABLE RAILROAD STATION UNDER CONSTRUCTION,
PHNOM PENH/KAMPOT RAIL LINE, CAMBODIA

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25X1D

25X1D

25X1D

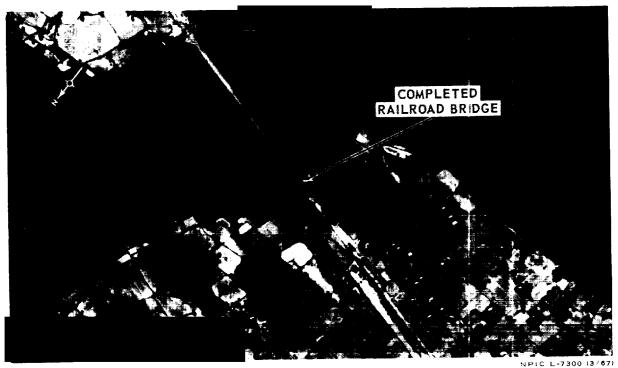


FIGURE 43. RAILROAD BRIDGE, PHNOM PENH KAMPOT RAIL LINE, CAMBODIA

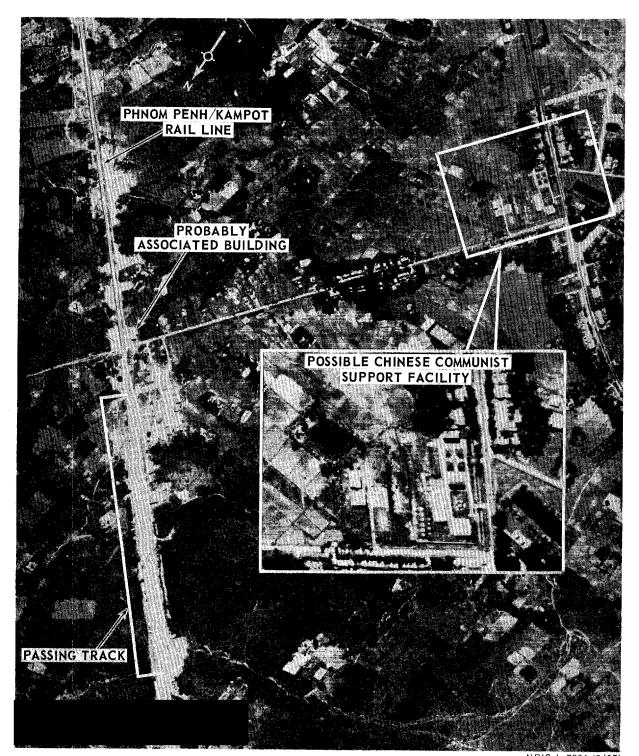
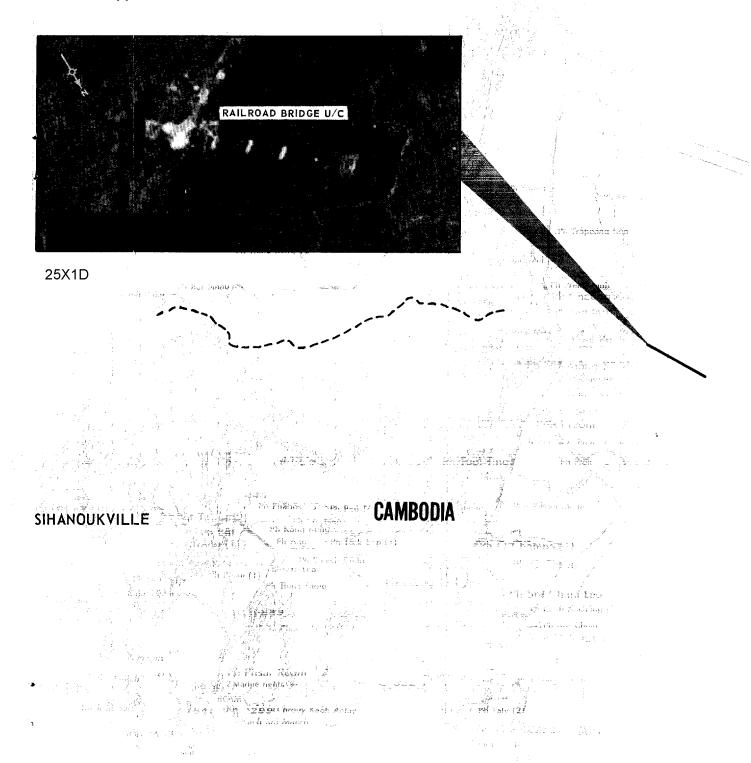


FIGURE 44. POSSIBLE CHINESE COMMUNIST SUPPORT FACILITY, PH DAMNAK CHANG AEU, CAMBODIA

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AMS SERIES 1501A SHEET NC 48-5 1ST EDITION 1965 SCALE 1:250,000

--- RAILBED U/C
---- PROBABLE CLEARING
FOR RAILBED

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